



8/16/04

LPR

StmH(3050)

8/24/04

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July \_\_, 2004

Signature: \_\_\_\_\_  
(Thomas A. Miller)

Docket No.: 30757/39732  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Otero, *et al.*

Application No.: 10/763,611

Art Unit: 3745

Filed: January 23, 2004

Examiner: Joanne P. Hodge

For: APPARATUS AND METHOD FOR  
REDUCING OPERATING STRESS IN A  
TURBINE BLADE AND THE LIKE

PATENT & TRADEMARK OFFICE  
AUG 23 2004  
Licensing & Review  
Received

**DECLARATION PURSUANT TO 42 U.S.C. 2457 RELATED TO THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

Attn: Licensing & Review  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We, Edwin Otero and Patrick Strong, both citizens of the United States of America, and residing at 528 Andrews Street, Southington, CT 06489; and 452 West 500 North, Tremonton, UT 84337; respectively, hereby declare that:

we made and conceived the invention described and claimed in U.S. Patent Application No. 10/763,611, filed in the United States of America on January 23, 2004 and entitled APPARATUS AND METHOD FOR REDUCING OPERATING STRESS IN A TURBINE BLADE AND THE LIKE;

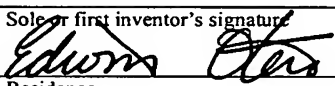
we made and conceived this invention while employed by Pratt & Whitney, a United Technologies Corporation Company, of 400 Main Street, East Hartford, Connecticut 06108;

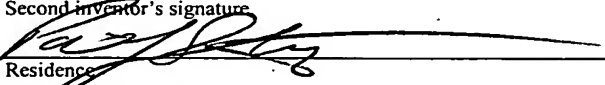
the invention is related to the work we are employed to perform and was made within the scope of our employment duties;

the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Pratt & Whitney; and

to the best of our knowledge the invention was not made under nor is there any relationship of the invention to, the performance of any work under any contract of the National Aeronautics and Space Administration (NASA).

The undersigned inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that the statements were made with the knowledge that lawful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such lawful false statements may jeopardize the validity of the application of any patent issuing thereon.

Full name of sole or first inventor <b>Edwin Otero</b>	
Sole or first inventor's signature 	Date <b>8/10/04</b>
Residence <b>Southington, CT</b>	
Citizenship <b>US</b>	
Mailing Address  <b>528 Andrews Street Southington, CT 06489</b>	

Full name of second inventor, if any <b>Patrick Strong</b>	
Second inventor's signature 	Date <b>8/11/04</b>
Residence <b>Tremonton, UT</b>	
Citizenship <b>US</b>	
Mailing Address  <b>452 West 500 North Tremonton, UT 84337</b>	



**MARSHALL, GERSTEIN & BORUN LLP**

ATTORNEYS - AT - LAW

Thomas A. Miller  
Partner  
(312) 474-9563  
tmiller@marshallip.com

July 27, 2004

*Via Federal Express*

Edwin Otero  
PRATT & WHITNEY  
Legal Department  
400 Main Street  
East Hartford, Connecticut 06108

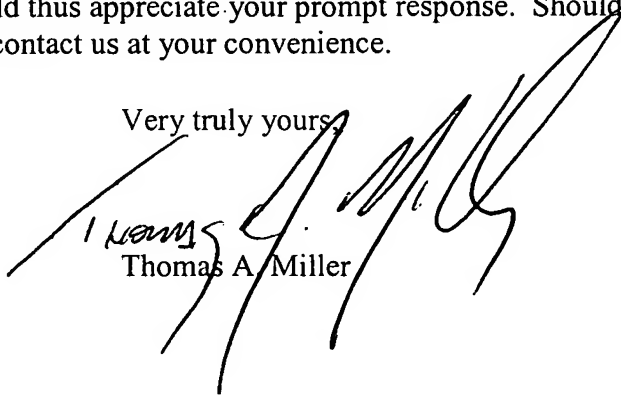
PATENT & TRADEMARK OFFICE  
~~RECEIVED~~ Received at  
AUG 23 2004  
LICENSING & REVIEW

Subject: U.S. Patent Application  
Serial No.: 10/763,611  
Inventors: Otero et al.  
Title: APPARATUS AND METHOD FOR REDUCING  
OPERATING STRESS IN A TURBINE BLADE AND  
THE LIKE  
Your Ref.: EH-10974  
Our Ref.: 30757/39732

Dear Ed:

Enclosed is a copy of a notice received from the U.S. Patent and Trademark Office regarding the above-referenced application. As you will see, the notice is requiring that a statement be filed concerning the circumstances of the invention and as to whether any of the work was performed under any contract with the National Aeronautics and Space Administration (NASA). It is our understanding that it was not and thus, we have prepared the enclosed form for your signatures with that understanding. If correct, please sign and date the form, have Mr. Strong do the same, and return it to us at your earliest convenience. The deadline for filing the response is **August 14, 2004**. We would thus appreciate your prompt response. Should you have any questions, please feel free to contact us at your convenience.

Very truly yours,

  
Thomas A. Miller

TAM/gk  
Enclosure  
cc: Linda A. Cunha, Esq.

RECEIVED

JUL 23 2004



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MARSHALL GERSTEIN

SERIAL NUMBER FILING DATE FIRST NAMED APPLICANT ATTORNEY DOCKET NO.

10/763,611

01/23/04

OTERO, ET AL.

30757/39732

EXAMINER

MARSHALL, GERSTEIN & BORUN LLP  
6300 SEARS TOWER  
233 S. WACKER DRIVE  
CHICAGO, IL 60606

PATENT & TRADEMARK OFFICE  
ART UNIT PAPER NO.  
**MAILED**

~~Docketed~~ 8/14/04 - No EXT

DATE MAILED: JUL 16 2004

**LICENSING & REVIEW**

**REQUIREMENT FOR STATEMENT UNDER §305(c) OF THE AERONAUTICS AND SPACE ACT**

The subject matter of this application appears to have significant utility in the conduct of aeronautical and space activities.

No patent for any invention which has significant utility in the conduct of aeronautical and space activities may issue unless the applicant files a statement under oath **WITHIN THIRTY DAYS** from request thereof by the Commissioner of Patents & Trademarks setting forth the full facts concerning the circumstances under which the invention was made and stating the relationship (if any) of such invention to the performance of any work under any contract of the National Aeronautics and Space Administration. See 42 U.S. §2457(c) (Public Law 85-568, the National Aeronautics and Space Act of 1958, §305c).

Applicant is hereby given a period of **THIRTY DAYS** from the mailing date of this letter to file the required statement under 42 USC §2457(c). Failure to submit the required statement within the thirty day period will result in **ABANDONMENT** of the application. The thirty day period is fixed by §2457(c) of the Act and cannot be extended. Thus, no extension of this period may be obtained under either 37 CFR §1.136(a) or (b).

  
Joanne P. Hodge  
Supervisory Applications Examiner  
Special Laws Administration

*Please see attachment*

Please direct all written communications regarding this matter to:

~~The Commissioner of Patents & Trademarks~~  
~~Washington, D.C. 20231~~

Attention: Licensing & Review

Please direct all telephone calls regarding this matter to:

James Samuels, (703) 305-0239



**PLEASE NOTE:**

**AS OF MAY 1, 2003 THE MAILING ADDRESS WILL CHANGE TO THE ADDRESS BELOW.**

Attachment to form PTOL-456 (45 Day Letter), 30 Day Letter and Incomplete Letter

To ensure timely processing of your **45 Day Letter, 30 Day Letter and Incomplete Letter** responses, please be sure to address your envelopes to the Attention of Licensing and Review in the manner shown below.

**NEW ADDRESS**

Commissioner of Patents  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450  
**Attn: Licensing and Review**

Thank you,  
Licensing and Review